

Docket No.: S1905.0102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tsuguo Maru

Application No.: 09/853,968

Confirmation No.: 8109

Filed: May 11, 2001

Art Unit: 2637

For: HIGH-SPEED TURBO DECODER

Examiner: J. M. Meek

COMMUNICATIONvia Facsimile No. 571-273-3013

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Dear Sir:

Applicant wishes to thank the Examiner for indicating that the above-identified application is in condition for allowance except for minor amendments required in the abstract.

Pursuant to a conversation with Examiner Meek, Applicant agrees to amend the abstract as follows:

A high-speed turbo decoder using a BCJR (Bahl, Cocke, Jelinek, and Raviv) algorithm or a BCJR algorithm which makes approximation by ACS computation (Add-Compare-Select computation) includes a supplier [[means]] for supplying a plurality of pipelined stages of gamma metrics as a section for performing at least one of alpha metric computation and beta metric computation in the BCJR algorithm, an ACS computation portion [[means]] which is constituted by a plurality of stages of cascade

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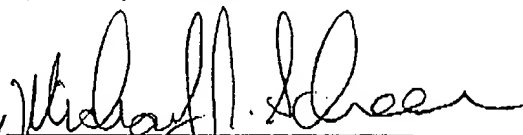
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connections and receives the plurality of pipelined gamma metrics, a receiver that [[means which]] receives a computation result obtained by the ACS computation portion [[means]] and updates state metrics every plurality of stages (K stages), and a memory for storing state metrics for every K stages.

Applicant looks forward to receiving the Examiner's Amendment confirming the above amendments and a subsequent notice of allowance.

Dated: December 9, 2005

Respectfully submitted,

By 

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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-3013, on the date shown below.

Dated: December 8, 2005

Signature: 

(Michael J. Scheer)